

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/780,893         | 02/19/2004             | Ito                   | 24-012-TB              |

23400  
 POSZ & BETHARDS, PLC  
 11250 ROGER BACON DRIVE  
 SUITE 10  
 RESTON, VA 20190

CONFIRMATION NO. 9069

## FORMALITIES LETTER



\*OC000000012646034\*

Date Mailed: 05/13/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

10/14/2004 HLE333 00000011 10780893

|            |           |
|------------|-----------|
| 01 FC:1001 | 790.00 OP |
| 02 FC:1051 | 130.00 OP |
| 03 FC:1053 | 130.00 OP |

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The application was filed in a language other than English. Applicant is required to provide an English translation of the specification and a statement that the translation is accurate. (See 37 CFR 1.52(d)).
- Applicant must file an English translation of the application, the \$ 130 fee set forth in 37 CFR 1.17(i), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).
- Because your specification was filed in a language other than English, the Office was unable to determine the number of claims submitted. Additional claim fees may be due once the number of claims can be determined.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$1030** for a Large Entity

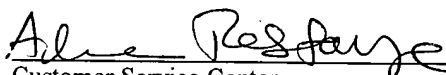
- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.

- \$130 for English translation surcharge required.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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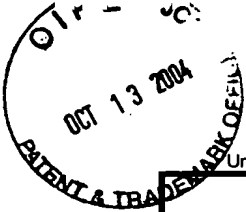
*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



# FEE TRANSMITTAL for FY 2005

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 2070

## Complete if Known

Application Number **10/780,893**  
Filing Date **February 19, 2004**  
First Named Inventor **ITO et al.**  
Examiner Name  
Art Unit  
Attorney Docket No. **24-012-TB**

### METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account

Deposit  
Account  
Number  
Deposit  
Account  
Name

**Posz & Bethards, PLC**

**50-1147**

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee  
to the above-identified deposit account.

### FEE CALCULATION

#### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 790      | 2001         | 395      | Utility filing fee     | 790      |
| 1002         | 350      | 2002         | 175      | Design filing fee      |          |
| 1003         | 550      | 2003         | 275      | Plant filing fee       |          |
| 1004         | 790      | 2004         | 395      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |

SUBTOTAL (1) (\$ 790

#### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

|                    |    | Extra Claims |  | Fee from below |    | Fee Paid |
|--------------------|----|--------------|--|----------------|----|----------|
| Total Claims       | 12 | -20**=       |  | X              | 18 | = 0      |
| Independent Claims | 2  | - 3**=       |  | X              | 88 | = 0      |
| Multiple Dependent |    |              |  |                |    | =        |

| Large Entity |          | Small Entity |          | Fee Description   | Fee Paid |
|--------------|----------|--------------|----------|---|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |   |          |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                    |          |
| 1201         | 88       | 2201         | 44       | Independent claims in excess of 3                         |          |
| 1203         | 300      | 2203         | 150      | Multiple dependent claim, if not paid                     |          |
| 1204         | 88       | 2204         | 44       | **Reissue independent claims over original patent         |          |
| 1205         | 18       | 2205         | 9        | **Reissue claims in excess of 20 and over original patent |          |

SUBTOTAL (2) (\$ 0

\*\* or number previously paid, if greater; For Reissues, see above

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

| Large Entity |          | Small Entity |          | Fee Description  | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051         | 130      | 2051         | 65       | Surcharge - late filing fee or oath  | 130      |
| 1052         | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053         | 130      | 1053         | 130      | Non-English specification  | 130      |
| 1812         | 2,520    | 1812         | 2,520    | For filing a request for ex parte reexamination                            |          |
| 1804         | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805         | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251         | 110      | 2251         | 55       | Extension for reply within first month                                     |          |
| 1252         | 430      | 2252         | 215      | Extension for reply within second month                                    |          |
| 1253         | 980      | 2253         | 490      | Extension for reply within third month                                     | 980      |
| 1254         | 1,530    | 2254         | 765      | Extension for reply within fourth month                                    |          |
| 1255         | 2,080    | 2255         | 1,040    | Extension for reply within fifth month                                     |          |
| 1401         | 340      | 2401         | 170      | Notice of Appeal   |          |
| 1402         | 340      | 2402         | 170      | Filing a brief in support of an appeal                                     |          |
| 1403         | 300      | 2403         | 150      | Request for oral hearing   |          |
| 1451         | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452         | 110      | 2452         | 55       | Petition to revive - unavoidable   |          |
| 1453         | 1,370    | 2453         | 685      | Petition to revive - unintentional   |          |
| 1501         | 1,370    | 2501         | 685      | Utility issue fee (or reissue)   |          |
| 1502         | 490      | 2502         | 245      | Design issue fee   |          |
| 1503         | 660      | 2503         | 330      | Plant issue fee  |          |
| 1460         | 130      | 1460         | 130      | Petitions to the Commissioner  |          |
| 1807         | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806         | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021         | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) | 40       |
| 1809         | 790      | 2809         | 395      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810         | 790      | 2810         | 395      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801         | 790      | 2801         | 395      | Request for Continued Examination (RCE)                                    |          |
| 1802         | 900      | 1802         | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 1280

### SUBMITTED BY

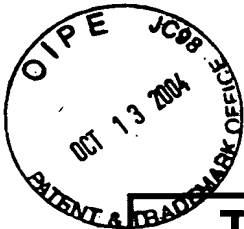
Complete (if applicable)

|                   |                      |                                   |                         |           |                       |
|-------------------|----------------------|-----------------------------------|-------------------------|-----------|-----------------------|
| Name (Print/Type) | <b>David G. Posz</b> | Registration No. (Attorney/Agent) | <b>37,701</b>           | Telephone | <b>(703) 707-9110</b> |
| Signature         |                      | Date                              | <b>October 13, 2004</b> |           |                       |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



This Form Based on PTO/SB/21

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

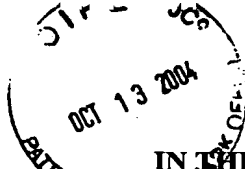
|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/780,893        |
| Filing Date            | February 19, 2004 |
| First Named Inventor   | ITO et al.        |
| Group Art Unit         |                   |
| Examiner Name          |                   |
| Attorney Docket Number | 24-012-TB         |

**ENCLOSURES (check all that apply)**

|  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                                 | <input checked="" type="checkbox"/> Assignment Papers<br>(for an Application)                 | <input type="checkbox"/> After Allowance Communication<br>to Group                            |
| <input checked="" type="checkbox"/> Fee Attached   | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences        |
| <input checked="" type="checkbox"/> Amendment / Response                                 | <input type="checkbox"/> Licensing-related Papers   | <input type="checkbox"/> Appeal Communication to Group<br>(Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69)<br>and Accompanying Petition       | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                                       | <input type="checkbox"/> To Convert a<br>Provisional Application                              | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                                       | <input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence<br>Address | <input checked="" type="checkbox"/> Additional Enclosure(s)<br>(please identify below):       |
| <input type="checkbox"/> Express Abandonment<br>Request                                  | <input type="checkbox"/> Terminal Disclaimer  | 52 page English language<br>application and 18 sheets of<br>formal drawings                   |
| <input type="checkbox"/> Information Disclosure<br>Statement                             | <input type="checkbox"/> Small Entity Statement   | Rule 52(d) Translation<br>certificate   |
| <input type="checkbox"/> Certified Copy of Priority<br>Document(s)                       | <input type="checkbox"/> Request of Refund  | Executed Declaration  |
| <input checked="" type="checkbox"/> Response to Missing Parts/<br>Incomplete Application | Remarks   |   |
| <input type="checkbox"/> Response to Missing<br>Parts under 37 CFR<br>1.52 or 1.53       |   |   |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                               |   |
|-------------------------------|---|
| Firm<br>or<br>Individual name | David G. Posz (Reg. No. 37,701)<br>Posz & Bethards, PLC |
| Signature                     |   |
| Date                          | October 13, 2004  |



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) **DAIICHI O et al.**

Application No.: 10/780,893

Filed: February 19, 2004

Title: INSERT AND ELECTRONIC  
COMPONENT HANDLING  
APPARATUS COMPRISING THE  
SAME

Group Art Unit:

Examiner:

Attorney Docket No.: 24-012-TB

Commissioner for Patents  
Arlington, VA 22202  
Mail Stop: Missing Parts

Date: October 13, 2004

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

Sir:

This is in response to a Notice to File Missing Parts of Nonprovisional Application mailed on May 13, 2004 in connection with the above application. Enclosed is a copy of said Notice, as well as the following documents and fees required to complete the filing requirements of the above application.

- (X) Executed Declaration and Power of Attorney.- The above-identified application is the same application the inventors executed by signing the enclosed declaration.
- (X) 52-page English language application including 12 numbered claims (2 independent claims); 18 sheets of formal drawings; and a Rule 1.52(d) translation certificate certifying that the English language application is an accurate translation of the originally-filed Japanese language application.
- (X) A check in the amount of \$2070 to cover the following fees:
  - Statutory filing fee of \$790;
  - Missing parts surcharge of \$130;
  - English translation fee of \$130;
  - Three-month extension fee of \$980; and
  - Assignment recordation fee of \$40.

Please charge any additional fees, or credit overpayments, to Deposit Account 50-1147.

Respectfully submitted,

David G. Posz  
Reg. No. 37,701  
Customer No. 23400

DGP/yfm  
Posz & Bethards, PLC  
11250 Roger Bacon Drive, Suite 10  
Reston, VA 20190  
Phone (703) 707-9110



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSLATION CERTIFICATE

In re PATENT APPLICATION of

Inventor(s): Akihiko ITO, Hiroto NAKAMURA

Appln. No. 10/780,893

Filed: February 19, 2004

Title: INSERT AND ELECTRONIC COMPONENT HANDLING APPARATUS  
COMPRISING THE SAME

TRANSLATION STATEMENT

UNDER RULE 52(d)

FOR APPLICATION FILED IN FOREIGN LANGUAGE

Commissioner of Patents and Trademarks

Arlington, VA 22202

Sir:

The undersigned, of the below address, hereby states that he/she well knows both the English and Japanese languages, and that the attached is an accurate translation into the English language of the above-identified application, which was/is being filed in the aforesaid foreign language.

Signed this 12<sup>th</sup> day of October, 2004.

Translator's Signature:

Hiroyasu Suzuki

Name: Hiroyasu Suzuki

Address: Arcadia Patent Firm, Suite 501 Hikawa-Annex No.2, 9-5,  
Akasaka 6-chome, Minato-ku Tokyo 1070052

BEST AVAILABLE COPY